Index of Claims



Application No.

Cheryl N Hawkins

10/003,519

Examiner

Applicant(s)

HARTMAN ET AL.

Art Unit

1734

√ Rejected
= Allowed

- (Through numeral) Cancelled

Restricted | I Interfere

Non-Elected

I Interference

A Appeal
O Objected

| Claim | | | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|--------------|----------|--------------|--------------|-----------|----------|---|
| 1 | _ C | laim | \perp | | | | Dá | ate | | | | |
| 1 | Final | Original | 2/20/04 | | | ļ | | | | | | |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 1 | V | ┢┈ | ┢ | + | + | ╁ | ╁ | ╁ | ╁ | _ |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 2 | 1 | | 广 | † | + | + | + | \dagger | + | |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 3 | 1 | | T | † | T | _ | Ť | 1 | \top | _ |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 4 | V | | | T | 1 | T | \top | † | T | |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 5 | 0 | | | T | | | | \top | | |
| 8 0 9 V 10 0 11 V 10 11 V 12 - 13 - 14 - 15 V 16 V 17 V 18 V 19 | | 6 | 0 | | | | | | T | Т | T | |
| 11 | <u></u> | | 1 | | | | | | | | | |
| 11 | | 8 | 0 | | _ | L | | \perp | ┖ | 1_ | | |
| 11 | ļ | 9 | 1 | <u> </u> | | L | 1 | \perp | \perp | | \perp | |
| 14 - | ļ | 10 | 0 | _ | ļ | <u> </u> | | ↓. | ╄ | 1_ | \perp | _ |
| 14 - | \vdash | 11 | - | _ | | ╄ | - | | 4 | +- | ╄. | _ |
| 14 - | | 12 | | | L., | ⊢ | +- | ╀ | - | + | + | 4 |
| 16 | <u> </u> | 14 | - | | _ | \vdash | +- | - | ╂ | +- | ╀ | 4 |
| 16 | \vdash | 15 | 7 | | _ | ╁ | ┿ | + | +- | + | +- | - |
| 17 | | 16 | | | _ | | ╁ | ╁ | + | + | + | 4 |
| 18 | | 17 | V | - | _ | ╁╴ | - | + | +- | ╁ | + | ┨ |
| 20 V 21 22 23 24 25 26 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 44 44 44 44 44 44 44 44 44 44 44 | - | 18 | 1 | | _ | | + | + | + | +- | + | ┨ |
| 20 V 21 22 23 24 25 26 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 44 44 44 44 44 44 44 44 44 44 44 | | 19 | 1 | T | | r | + | T | + | + | ╁┈ | 1 |
| 21 | | 20 | 1 | | | Г | 1- | + | \top | 1 | \vdash | 1 |
| 22 23 24 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 44 44 44 44 44 44 44 44 44 44 44 | | 21 | | | _ | 1 | T | T | 1 | 1 | T | 1 |
| 24 | | 22 | | | | | T | 1 | | 1 | 1 | |
| 24 | | 23 | | | | | Ī | Τ | | | | |
| 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 | | 24 | | | | | | | | | | |
| 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 | | 25 | | _ | | | | | | | |] |
| 28 | | 26 | 4 | | | | <u> </u> | 1_ | _ | <u> </u> | <u> </u> | ╛ |
| 29 30 31 32 33 34 35 36 37 38 39 40 41 | | 27 | | 4 | | | \vdash | _ | ļ | ļ., | <u> </u> | ┙ |
| 30 31 32 33 34 35 36 37 38 39 40 41 | | 28 | | | | | ┾ | ــ | _ | <u> </u> | | 4 |
| 31 32 33 34 35 36 37 38 39 40 41 42 | | 29 | + | -+ | | | | ┼ | ↓ | \vdash | - | 4 |
| 32 33 34 35 36 37 38 39 40 41 42 | | 31 | - | \dashv | - | | ┼— | ╀ | 1 | - | - | - |
| 33 34 35 36 37 38 39 40 41 42 | | 32 | -+ | | - | | - | ╁ | ╁ | ┢ | ⊢ | - |
| 34 35 36 37 38 39 40 41 42 | | 33 | \dashv | 1 | - | _ | \vdash | +- | ┢ | ╁ | ├ | 1 |
| 35 36 37 38 39 40 41 42 | | 34 | _ | _ | | | †- | t | H | f | | 1 |
| 36 37 38 39 40 41 42 | | 35 | | \neg | | | t | | | <u> </u> | 1 | 1 |
| 38 39 40 41 42 | | 36 | | | | | | 1 | | | _ | 1 |
| 39 40 41 42 | | 37 | | | | | | | | | | |
| 40 41 42 | | 38 | \perp | | _ | | | L. | | | <u> </u> | |
| 41 42 | | | _ | \perp | _ | | _ | L. | <u>L</u> . | L | L_ | |
| 42 | | | 4 | | -4 | | ļ_ | <u> </u> | _ | | <u></u> | ŀ |
| 42 43 | | | + | - | \dashv | | <u> </u> | <u> </u> | _ | ļ | | ŀ |
| +3 | -+ | | -+ | -+ | - | | - | ├- | <u> </u> | - | <u> </u> | |
| 44 | | | + | \dashv | + | | <u> </u> | - | - | <u> </u> | | l |
| 45 45 | \dashv | | - | + | \dashv | | <u> </u> | | | | _ | l |
| 46 | | | -+ | + | + | | | | \vdash | - | | - |
| 47 | | | + | + | \dashv | | | | - | \vdash | | |
| 48 | | | 十 | + | + | _ | | | \vdash | | - | |
| 49 | | 49 | \top | \top | 寸 | | | | | Н | _ | |
| 50 | | | | Ţ | _ | | | | | Н | | |

| H | Claim | | Date | | | | | | | | | | | | |
|----|-------|----------|----------|----|---|-----------|---|---|----------|----------|-----------|----------|----------|--------------|-------------|
| | Final | Original | | | | | | | i | | | | | | |
| | | 51 | r | T | | _ | T | | | T | + | _ | t | \dagger | ┪ |
| | | 52 53 | 1 | 十 | 1 | | 1 | _ | | $^{+}$ | \dagger | | ┢ | \dagger | f |
| | | 53 | | T | | _ | T | | | \top | \dagger | | \vdash | 十 | ᅥ |
| | | 54 | | 1 | 1 | | T | | _ | T | † | | <u> </u> | † | ┪ |
| | | 55 | | Ι. | 1 | | 1 | | | 1 | † | _ | | Ť | ┨ |
| | | 56 | | | 1 | | T | | | †- | Ť | | | + | ٦ |
| | | 57 | | | Ī | | T | | _ | T | + | | - | T | _ |
| | | 58 | | Γ | 1 | | | | | 1 | T | | | T | 7 |
| | | 59 | | | I | | П | | | | | | _ | T | ٦ |
| | | 60 | | | | | | | | | | | | Τ | ٦ |
| l | | 61 | | | | | L | | | | Τ | | | Т | ٦ |
| | | 62 63 | | | 1 | | Ĺ | _ | | L | I | | | Γ | |
| - | | 63 | | _ | 1 | | | ⅃ | | | Ĺ | | | L | _] |
| 1 | | 64 | | | 1 | | | ⅃ | | L | L | | | | |
| 1 | | 65 | | | 1 | | L | ╛ | | L | | | | L | |
| : | | 66 | | | 1 | | L | 1 | | <u> </u> | L | | | ļ | _ |
| 1 | | 67 | | | ļ | | L | 1 | | <u> </u> | ┸ | _ | | | _ |
| ļ | | 68 69 | | | ļ | | | 4 | | L | L | _ | | ┖ | _ |
| - | | 69 | | | 1 | | | 1 | | L | 1 | _ | | L | 1 |
| - | | 70 | | | ļ | _ | | 4 | | <u> </u> | L | 4 | | <u> </u> | _ |
| ŀ | | 71 | | | 1 | _ | _ | 4 | | <u> </u> | Ļ | 4 | | <u> </u> | 4 |
| ŀ | | 72 | | | ļ | | _ | 1 | | ļ | Ļ | 4 | | 1_ | 1 |
| ŀ | | 73 74 | | | ļ | | | 4 | | ļ | ╀ | _ | | _ | 1 |
| ŀ | | 74 | _ | | ₽ | _ | | 4 | | _ | ╀ | 4 | | L | 4 |
| ŀ | | 75 76 | - | | ł | | _ | + | | ┝ | ╀ | 4 | | <u> </u> | 4 |
| ŀ | | 76 77 | - | | ł | - | | + | | H | ╀ | 4 | | ┝ | 4 |
| ŀ | | 78 | - | | ł | - | | + | | ┢ | ╀ | \dashv | _ | - | 4 |
| H | | 79 | \dashv | | ŀ | | | + | | - | ╁ | + | | | - |
| ŀ | | 80 | \dashv | | ╁ | - | | + | | _ | ╁ | + | | \vdash | 1 |
| r | | 81 | | | t | \dashv | | t | | - | ╁ | $^{+}$ | | - | 1 |
| t | | 82 | _ | | t | | _ | t | | ┢╌ | H | + | | - | 1 |
| r | | 83 | 7 | _ | t | | | t | | | H | + | _ | _ | 1 |
| r | | 84 | T | | T | \exists | | t | | | Ħ | + | | - | 1 |
| Γ | | 85 | | | T | T | | Ť | | | | Ť | | | 1 |
| E | | 86 | | | | | | T | | | | Ţ | | | 1 |
| Ĺ | | 87 | | | | | | | | | Γ | 1 | | | |
| L | | 88 | | | | | | L | | | | T | | |] |
| L | | 89 | _ | | | \perp | | L | | | | | | |]:: |
| L | | 90 | | | | \perp | | L | | | | | | |]:: |
| L | 1 | 91 | 4 | | | 4 | | L | Ц | | _ | 1 | | |] |
| L | | 92 | 4 | | L | | | L | _ | | L | Ţ | | _ | |
| L | | 93 | 4 | | | 4 | | L | _ | | L | 1 | _ | | 1 |
| L | | 94 | \perp | _ | | 4 | _ | L | 4 | | | 1 | _ | | l |
| L | | 95 | -1 | _ | _ | 4 | | L | | | L_ | 1 | _ | | l |
| L | | 96 | 4 | 4 | _ | 4 | | L | _ | | | 4 | _ | | l |
| L | | 97 | + | 4 | | 4 | | L | 4 | _ | <u> </u> | 1 | 4 | | |
| L. | | 98 | -+ | - | | 4 | | L | \dashv | | | 4 | 4 | | l |
| - | | 99 | + | } | _ | + | | L | | | | + | \dashv | | l |
| L | | 100 | L | | _ | ᆚ. | | L | _1 | | | L | | |] :: |

| | CI | aim | Γ | | | | | |)a | te | | | |
|----------|---------------|-------------------|-------------|----------|--------------|--------------|----------|----------|-----------|----------|----------|--------------|-----------------|
| | | l | Γ | Τ | | T | | | | Τ | Τ | | T |
| | <u>a</u> | Original | | | | | | | | | | | |
| | Final | Ē | | | | | | ĺ | | | | | |
| | | O | | l | | | | - | | İ | İ | | |
| | | 101 | Г | † | | 1 | \top | 7 | | _ | 1 | \top | \top |
| | | 102 | Γ | T | | İ | 1 | | | T | 1 | T | |
| :: | | 103 | | T | | 1 | Τ | | | 1 | | | |
| | | 104 | | T | | | Т | 7 | | T | T | _ | |
| | | 103 104 105 | | I | | | | 1 | | Т | T | 1 | T |
| | | 106 | | | | | | | | Т | | | T |
| | | 107 | | L | | | | | _ | | Γ | | |
| 1 | | 108 | _ | 퇶 | | ┖ | \perp | 1 | | L | | | |
| | | 109 | _ | L | _ | <u> </u> | 1_ | _ | | 上 | | | |
| 1 | | 110 | | L | | | _ | 1 | _ | 上 | ┸ | | |
| ļ | | 111 112 113 | | Ļ | | \perp | ╄ | 1 | | L | L | 1 | \perp |
| 1 | | 112 | | L | _ | $oxed{oxed}$ | 1_ | 4 | | 1_ | 1 | _ | \perp |
| 1 | | 113 | | 1 | | L | 4_ | 4 | | ـــ | 1 | \perp | <u>Ĺ</u> |
| ŀ | | 114 115 | | Ļ. | | \vdash | \bot | 4 | | 1 | 1 | ↓ | _ |
| ŀ | | 115 | | 1 | _ | <u> </u> | 1 | 1 | | 1 | 1_ | - | \vdash |
| ŀ | | 116 | | ļ., | | | \perp | 4 | | - | \vdash | _ | <u> </u> |
| ŀ | | 117 118 | | H | | - | + | + | | 1_ | \perp | \perp | 1_ |
| 1 | | 118 | | \vdash | | L | \vdash | 4 | | \vdash | ╀ | + | - |
| - | | 119 | | H | | ⊢ | ╂— | + | | L | ╀ | ╁_ | |
| ŀ | | 120 121 | | H | _ | _ | - | + | | ┢ | ┼- | - | \vdash |
| ŀ | _ | 121 | _ | H | _ | - | +- | + | | _ | ╂- | - | \vdash |
| ŀ | | 122 123 | | - | | - | ┿ | + | _ | \vdash | - | + | |
| ŀ | | 124 | _ | | _ | | \vdash | ╁ | | | ┾. | + | + |
| + | | 125 | | H | _ | \vdash | ╁─ | + | | _ | ╁╴ | ╁ | \vdash |
| ł | | 125 126 | _ | - | - | | 1- | $^{+}$ | | | ╁╌ | ╁┈ | \vdash |
| ŀ | 1 | 127 | _ | H | | | 1- | t | - | \vdash | - | ╁ | \vdash |
| r | | 127 128 | _ | Т | 7 | | T | t | | | t | + | \vdash |
| ľ | | 129 | _ | | | | 1 | Ť | _ | | Τ- | | \vdash |
| ľ | | 130 131 | | | | | T | T | | | | ╁ | Н |
| E | | 131 | | | | | Π | T | | | Г | | \sqcap |
| L | | 132 | | | | | | Γ | | | | 1 | П |
| L | | 133 | | | | | | | | | | | |
| L | [| 134 | | | 1 | | | I | | | | | |
| L | | 135 | | | _ | | L | L | _] | | | | |
| L | | 136 | _ | | 4 | | _ | L | | | <u> </u> | L | |
| L | \rightarrow | 137 | \dashv | _ | 4 | | ļ | 1 | 4 | | ļ | <u> </u> | Ш |
| L | | 138 | _ | | 4 | | | L | _ | | ļ | <u> </u> | Ш |
| L | | 139 | - | | 4 | | _ | Ļ | _ | | | <u> </u> | Щ |
| H | - | 140 | | | 4 | | _ | L | | _ | _ | <u> </u> | Ш |
| H | -+ | 141 | \dashv | | 4 | | | H | + | _ | <u> </u> | ├ | Н |
| \vdash | | 142 | \dashv | | + | | <u> </u> | - | 4 | | | | Н |
| \vdash | | 143 144 | \dashv | _ | + | | | \vdash | 4 | | | | Н |
| H | | 144 | \dashv | _ | + | | _ | \vdash | -+ | | _ | | $\vdash \vdash$ |
| H | | 146 | \dashv | | + | | | \vdash | \dashv | | _ | \vdash | \dashv |
| \vdash | | 147 | \dashv | | + | - | | H | + | | _ | | \dashv |
| H | | 148 | + | | + | \dashv | _ | - | + | | | - | - |
| H | + | 149 | 寸 | | † | \dashv | _ | - | + | -1 | _ | | - |
| | | 150 | 寸 | | + | | | Н | \dagger | \dashv | | H | - |
| _ | | | — І. | | ┸ | | | _ | | | | | |